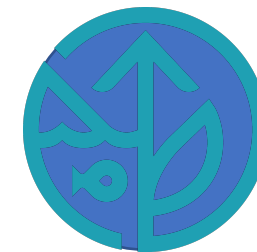


Song–Land cover mapping in data-sparse regions

Lei Song, Clark University

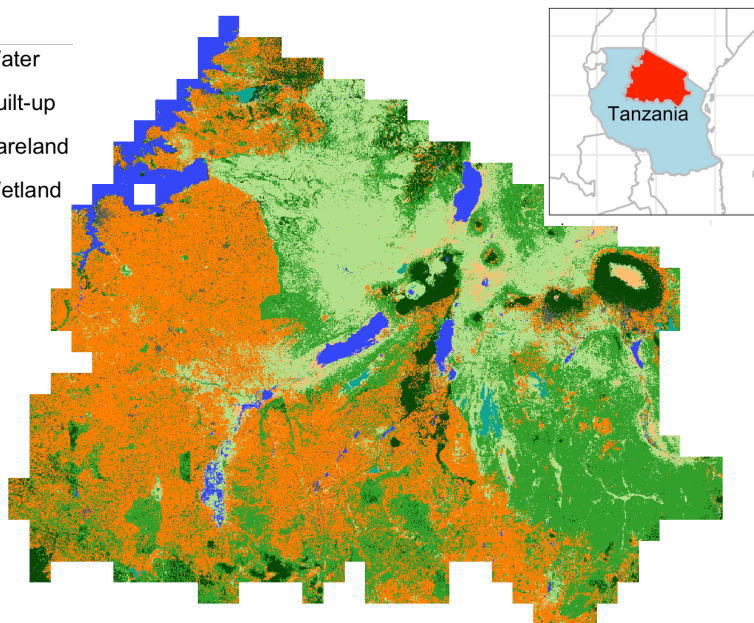
Lyndon Estes, Boka Luo, Anna Estes



Land cover



Landcover	Confidence
Cropland	81.27±15.10
Forest	83.95±17.48
Grassland	82.82±17.12
Shrubland	82.56±16.68
Water	94.89±12.18
Built-up	70.11±18.41
Bareland	79.93±18.62
Wetland	100.00± 0.00



Taking Northern Tanzania as a case study, we proposed a method to make timely and accurate land cover maps in data-sparse regions. It ensembles multiple existing land cover maps, human intelligence, and artificial intelligence. The proposed idea can fairly be applied to other scales or other data sources.

